

FORM PTO-1449		DOCKET NUMBER 198-1042 div.		APPLICATION NUMBER		
INFORMATION DISCLOSURE CITATION IN AN APPLICATION		APPLICANT(S) John Russell, Freeman Gates, and Allan Kotwicki				
		FILING DATE		GROUP ART UNIT		
U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS	FIL DATE IF APPROP.
VA	4,290,404	09/1981	Hata et al	123	478	
	4,390,001	06/1983	Fugimoto	123	588.2	
	4,406,161	09/1983	Locke et al	73	118.1	
	4,555,952	12/1985	Jenkins	73	861.47	
	4,562,744	01/1986	Hall et al	73	861.02	
	4,690,120	09/1987	Egle	123	568.16	
	5,086,655	02/1992	Fredericks et al	73	861.61	
	5,188,086	02/1993	Adkins et al	123	568.27	
	5,190,017	03/1993	Cullen et al	123	678	
	5,203,313	04/1993	Rotarius	123	568.27	
VA	5,205,260	04/27/1993	Takahashi et al	123	494	
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
VA	2312284	1997	UK			
VA	0234511 A1		EP			
VA	0061856 A2		EP			
OTHER DOCUMENTS						
VA	"Experimental Methods for Engineers" J.P. Holman, pp. 184-236, Second Edition Mc Graw-Hill Book Company.					
VA	"The Internal Combustion Engine in Theory and Practice", Vol. 1: Thermodynamics, Fluid Flow, Performance, Second Edition, Revised, The MIT Press, by C.F. Taylor.					
EXAMINER HELEN T. VO			DATE CONSIDERED 9/27/04			

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WA	5,273,019	12/28/1993	Matthews et al	123	406.48	
	5,331,936	07/26/1994	Messih et al	123	480	
	5,347,843	09/1994	Orr et al	73	1.34	
	5,390,649	02/1995	Miener et al	123	876	
	5,461,932	10/1995	Hall et al	73	861.61	
	5,465,617	11/1995	Dudek et al	73	118.2	
	5,474,051	12/1995	Matsumoto et al	123	586.16	
	5,497,329	03/1996	Tang	701	104	
WA	5,508,926	04/1996	Wade	701	2.9	
FOREIGN PATENT DOCUMENTS						
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS	TRANSLATION YES NO
WA	10-53032	1998	Japan			
	050125996 A		Japan			
	060294317 A		Japan			
WA	060336956 A		Japan			
OTHER DOCUMENTS						
WA	"System Dynamics"; Prentice Hall, ISBN 0-13 8803585-4, Ogata, pp. 250-255, 1978.					
WA	"Modeling and Validation of Automotive Engine for Control Algorithm Development"; J. Moskwa, J. Hedrick; pp. 237-247; Advanced Automotive Technologies - 1989; DSC-VOL. 13; Annual Meeting of The American Society of Mechanical Engineers, San Francisco, CA, Dec. 10-15, 1989.					
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1A	5,520,161	05/1996	Klopp	123	676	
	5,537,977	07/1996	Hartman et al	123	466.46	
	5,546,795	08/1996	Yamagishi	73	118.2	
	5,577,484	11/1996	Izutani et al	123	568.16	
	5,585,553	12/1996	Schricker	73	117.3	
	5,613,479	03/1997	Gates et al	123	568.27	
	5,714,683	02/08/1998	Maloney	73	118.2	
	5,753,805	05/19/1998	Maloney	73	118.2	
	5,964,820	10/1999	Miwa et al	701	108	
	5,988,149	11/1999	Gates	123	568.21	
	6,138,504	10/2000	Lewis et al	73	118.2	
	6,182,644 B1	02/2001	Kotwicki et al	123	568.16	
1A	6,308,694 B1	10/2001	Kotwicki et al	123	568.16	
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	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB. CLASS.	TRANSLATION YES NO
OTHER DOCUMENTS						
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